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**Serial Number:** 10/777,254

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**Printout shows Inventor search terms**

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 PALM INTRANET

## Inventor Information for 10/777254

| Inventor Name       | City        | State/Country |
|---------------------|-------------|---------------|
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| KEOGH, JAMES R.     | MAPLEWOOD   | MINNESOTA     |
| EULER, DAVID E.     | MINNETONKA  | MINNESOTA     |
| UJHELYI, MICHAEL R. | MAPLE GROVE | MINNESOTA     |
| RAKOW, NANCY J.     | OAK GROVE   | MINNESOTA     |
| COLSON, MICHAEL A.  | CHANHASSEN  | MINNESOTA     |

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| US<br>20060099326<br>A1 | US-<br>PGPUB | 20060511 | 17 | Method for attachment of biomolecules to medical device surfaces   | 427/2.26  |  | Keogh; James R. et al.        |
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| US<br>20060041254<br>A1 | US-<br>PGPUB | 20060223 |    | Electrosurgical hemostat   | 606/41    | 606/51;<br>606/52                                    | Francischelli; David E. et al |
| US<br>20060041243<br>A1 | US-<br>PGPUB | 20060223 |    | Devices and methods for interstitial injection of biologic agents into tissue                              | 604/506   | 600/37;<br>604/173                                   | Nayak; Asha S. et al.         |
| US<br>20060025756<br>A1 | US-<br>PGPUB | 20060202 |    | Methods of using high intensity focused ultrasound to form an ablated tissue area                          | 606/27    |  | Francischelli; David E. et al |
| US<br>20060020293<br>A1 | US-<br>PGPUB | 20060126 |    | High frequency atrial burst pacing for improved ventricular rate control during atrial arrhythmias         | 607/14    |  | Euler; David E.               |
| US<br>20050288725<br>A1 | US-<br>PGPUB | 20051229 |    | Combination of electrogram and intra-cardiac pressure to discriminate between fibrillation and tachycardia | 607/17    | 600/513;<br>600/515;<br>600/518;<br>607/14;<br>607/5 | Hettrick, Douglas A. et al.   |
| US<br>20050261673<br>A1 | US-<br>PGPUB | 20051124 |    | Methods and apparatus for accessing and stabilizing an area of the heart                                   | 606/41    |  | Bonner, Matthew D. et al.     |
| US<br>20050251216<br>A1 | US-<br>PGPUB | 20051110 |    | Method and device for electronically controlling the beating of a heart                                    | 607/9     |  | Hill, Michael R. S. et al.    |
| US<br>20050251133<br>A1 | US-<br>PGPUB | 20051110 |    | Suction stabilized epicardial ablation devices   | 606/41    |  | Jahns, Scott I et al.         |
| US<br>20050209564<br>A1 | US-<br>PGPUB | 20050922 |    | Devices and methods for interstitial injection of biologic agents into tissue                              | 604/173   |  | Bonner, Matthew D. et al.     |
| US<br>20050177135<br>A1 | US-<br>PGPUB | 20050811 |    | Delivery of a sympatholytic cardiovascular agent to the central nervous                                    | 604/890.1 | 604/66   | Hildebrand, Keith R. et al    |

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|                         |              |          |  | system to counter heart failure and pathologies associated with heart failure                                  |            |                                   |                                   |
| US<br>20050177097<br>A1 | US-<br>PGPUB | 20050811 |  | Delivery of a sympatholytic cardiovascular agent to the central nervous system                                 | 604/66     | 514/534;<br>514/649;<br>604/890.1 | Hildebrand,<br>Keith R. et al     |
| US<br>20050165466<br>A1 | US-<br>PGPUB | 20050728 |  | Methods and systems for accessing the pericardial space  | 607/116    |                                   | Morris, Mary<br>M. et al.         |
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| US<br>20050159783<br>A1 | US-<br>PGPUB | 20050721 |  | Control of atrial defibrillation therapy based on hemodynamic sensor feedback                                  | 607/5      |                                   | Hettrick,<br>Douglas A. et<br>al. |
| US<br>20050154370<br>A1 | US-<br>PGPUB | 20050714 |  | Methods and systems for providing therapies into the pericardial space   | 604/503    |                                   | Sigg, Daniel<br>C. et al.         |
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| US<br>20050090815<br>A1 | US-<br>PGPUB | 20050428 |  | Ablation system and method of use  | 606/32     | 606/41                            | Francischelli,<br>David E. et al  |
| US<br>20050038479<br>A1 | US-<br>PGPUB | 20050217 |  | Electrically efficient neurally-excitabile stimulation technical field   | 607/9      |                                   | Deno, D.<br>Curtis et al.         |
| US<br>20050033277<br>A1 | US-<br>PGPUB | 20050210 |  | Electrosurgical methods and apparatus for making precise incisions in body vessels                             | 606/32     |                                   | Clague,<br>Cynthia T. et<br>al.   |
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| US                      | US-          | 20050127 |  | System, method and   | 222/53     |                                   | Jahns, Scott I                    |

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| 20050017021<br>A1       | PGPUB        |          |  | apparatus for regulating vacuum supplied to surgical tools  |         |                 | et al.                          |
| US<br>20050004644<br>A1 | US-<br>PGPUB | 20050106 |  | Rotatable lead introducer   | 607/131 |                 | Kelsch, Daniel N. et al.        |
| US<br>20040267326<br>A1 | US-<br>PGPUB | 20041230 |  | Cardiac mapping instrument with shapeable electrode   | 607/9   |                 | Ocel, Jon M. et al.             |
| US<br>20040210256<br>A1 | US-<br>PGPUB | 20041021 |  | Methods and apparatus for decreasing incidences of early recurrence of atrial fibrillation              | 607/5   |                 | Musley, Shaileshkumar V. et al. |
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| US<br>20040186517<br>A1 | US-<br>PGPUB | 20040923 |  | Method and system for nerve stimulation prior to and during a medical procedure                         | 607/2   | 607/3           | Hill, Michael R.S. et al.       |
| US<br>20040186465<br>A1 | US-<br>PGPUB | 20040923 |  | Vibration sensitive ablation device and method  | 606/34  | 606/41          | Francischelli, David E. et al   |
| US<br>20040176743<br>A1 | US-<br>PGPUB | 20040909 |  | Slit valve catheters  | 604/537 | 604/247         | Morris, Mary M. et al.          |
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| US<br>20040162584<br>A1 | US-<br>PGPUB | 20040819 |  | Method and system for endotracheal/esophageal stimulation prior to and                                  | 607/3   |                 | Hill, Michael R. S. et al.      |

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| US<br>20040138656<br>A1 | US-<br>PGPUB | 20040715 |  | System and method for assessing transmuralty of ablation lesions                      | 606/34  | 606/41            |  | Francischelli, David E. et al. |
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| US<br>20040086543<br>A1 | US-<br>PGPUB | 20040506 |  | Method for attachment of biomolecules to medical device surfaces                      | 424/423 |                   |  | Keogh, James R. et al.         |
| US<br>20040082945<br>A1 | US-<br>PGPUB | 20040429 |  | Electrosurgical methods and apparatus for making precise incisions in body vessels    | 606/32  |                   |  | Clague, Cynthia T. et al.      |
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| US 6916318<br>B2 | USPAT | 20050712 |  | Variable length electrodes for delivery of irrigated ablation   | 606/41  | 606/47;<br>606/48;<br>606/51 | Francischelli;<br>David E et al. |
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| B2               |       |          |  | apparatus for regulating vacuum supplied to surgical tools  |         |   | et al.                           |
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| US 6718208<br>B2 | USPAT | 20040406 |  | Method and system for nerve stimulation prior to and during a medical procedure                   | 607/9   | 607/10  | Hill; Michael<br>R. S. et al.    |
| US 6706038<br>B2 | USPAT | 20040316 |  | System and method for assessing transmuralty of ablation lesions                                  | 606/34  | 128/898;<br>606/41;<br>607/115;<br>607/119;<br>607/98 | Francischelli;<br>David E. et al |
| US 6690973<br>B2 | USPAT | 20040210 |  | Method and system for spinal cord stimulation prior to and during a medical procedure             | 607/43  | 607/46  | Hill; Michael<br>R. S. et al.    |
| US 6676597<br>B2 | USPAT | 20040113 |  | Method and device for organ positioning   | 600/37  |   | Guenst; Gary<br>W. et al.        |
| US 6656175<br>B2 | USPAT | 20031202 |  | Method and system for treatment of atrial tachyarrhythmias  | 606/41  | 128/898   | Francischelli;<br>David E. et al |
| US 6628987<br>B1 | USPAT | 20030930 |  | Method and system for sensing cardiac contractions during vagal stimulation-induced cardiopalegia | 607/9   | 607/2   | Hill; Michael<br>R. S. et al.    |
| US 6617142<br>B2 | USPAT | 20030909 |  | Method for attachment of biomolecules to medical device surfaces                                  | 435/174 | 424/178.1;<br>424/94.1;<br>435/176;                   | Keogh; Jame:<br>R. et al.        |

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|                  |       |          |  |   |        | 435/177;<br>435/180;<br>435/181;<br>436/518;<br>436/524;<br>436/531;<br>436/532;<br>530/402;<br>530/810;<br>530/811;<br>530/812;<br>530/815;<br>530/816 |                                  |
| US 6584360<br>B2 | USPAT | 20030624 |  | System and method for<br>assessing transmural of<br>ablation lesions  | 607/98 | 606/41;<br>607/115;<br>607/119  | Francischelli;<br>David E. et al |
| US 6558382<br>B2 | USPAT | 20030506 |  | Suction stabilized<br>epicardial ablation<br>devices  | 606/41 | 606/47;<br>606/50   | Jahns; Scott I<br>et al.         |
| US 6542774<br>B2 | USPAT | 20030401 |  | Method and device for<br>electronically controlling<br>the beating of a heart                                 | 607/9  | 607/2   | Hill; Michael<br>R. S. et al.    |
| US 6532388<br>B1 | USPAT | 20030311 |  | Method and system for<br>endotracheal/esophageal<br>stimulation prior to and<br>during a medical<br>procedure | 607/2  | 607/9   | Hill; Michael<br>R. S. et al.    |
| US 6514250<br>B1 | USPAT | 20030204 |  | Suction stabilized<br>epicardial ablation<br>devices  | 606/41 | 600/387;<br>606/48;<br>607/102  | Jahns; Scott I<br>et al.         |
| US 6488680<br>B1 | USPAT | 20021203 |  | Variable length<br>electrodes for delivery of<br>irrigated ablation   | 606/41 | 606/47;<br>606/48;<br>606/51  | Francischelli;<br>David E. et al |
| US 6487446<br>B1 | USPAT | 20021126 |  | Method and system for<br>spinal cord stimulation<br>prior to and during a<br>medical procedure                | 604/20 | 607/117;<br>607/9   | Hill; Michael<br>R.S. et al.     |
| US 6449507<br>B1 | USPAT | 20020910 |  | Method and system for<br>nerve stimulation prior to<br>and during a medical<br>procedure                      | 607/9  | 128/898   | Hill; Michael<br>R. S. et al.    |
| US 6447443<br>B1 | USPAT | 20020910 |  | Method for organ<br>positioning and<br>stabilization  | 600/37 | 128/898;<br>600/205;<br>600/232;<br>600/235   | Keogh; Jame;<br>R. et al.        |
| US 6442429       | USPAT | 20020827 |  | Method and apparatus for  | 607/14 |   | Hill; Michael                    |

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| B1               |       |          |  | diagnosis and treatment of arrhythmias  |          |   | R. S. et al.                 |
| US 6438408<br>B1 | USPAT | 20020820 |  | Implantable medical device for monitoring congestive heart failure                                    | 600/510  |   | Mulligan; Lawrence J. et al. |
| US 6272380<br>B1 | USPAT | 20010807 |  | Apparatus for treating atrial tachy arrhythmias with synchronized shocks                              | 607/5    | 607/4   | Warman; Eduardo N. et al.    |
| US 6266564<br>B1 | USPAT | 20010724 |  | Method and device for electronically controlling the beating of a heart                               | 607/9    | 607/2;<br>607/39;<br>607/40   | Hill; Michael R. S. et al.   |
| US 6195584<br>B1 | USPAT | 20010227 |  | Method and apparatus for determining atrial lead dislocation  | 607/28   |   | Hill; Michael R. S. et al.   |
| US 6185459<br>B1 | USPAT | 20010206 |  | Method and apparatus for prevention of atrial tachyarrhythmias  | 607/14   |   | Mehra; Rahul et al.          |
| US H001905<br>H  | USPAT | 20001003 |  | Mechanism for adjusting the exposed surface area and position of an electrode along a lead body       | 607/122  |   | Hill; Michael R. S.          |
| US 6091988<br>A  | USPAT | 20000718 |  | Apparatus for treating atrial tachyarrhythmias with synchronized shocks                               | 607/5    |   | Warman; Eduardo N. et al.    |
| US 6033719<br>A  | USPAT | 20000307 |  | Method for covalent attachment of biomolecules to surfaces of medical devices                         | 427/2.12 | 427/2.13;<br>427/2.24;<br>427/2.3;<br>427/2.31;<br>427/337;<br>427/338;<br>427/342  | Keogh; James R.              |
| US 6017741<br>A  | USPAT | 20000125 |  | Periodate oxidative method for attachment and crosslinking of biomolecules to medical device surfaces | 435/174  | 424/422;<br>424/94.1;<br>435/176;<br>435/177;<br>435/180;<br>435/181;<br>436/518;<br>436/524;<br>436/531;<br>436/532;<br>530/402;<br>530/810;<br>530/811;<br>530/815; | Keogh; James R.              |

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|                 |       |          |  |   |         | 530/816  |                                |
| US 6010803<br>A | USPAT | 20000104 |  | Metal injection molded cover for an electrochemical cell  | 429/175 | 429/163  | Heller, Jr.; Bernard F. et al. |
| US 6006134<br>A | USPAT | 19991221 |  | Method and device for electronically controlling the beating of a heart using venous electrical stimulation of nerve fibers | 607/9   | 607/118  | Hill; Michael R. S. et al.     |
| US 5957968<br>A | USPAT | 19990928 |  | Suture sleeve with lead locking device  | 607/126 | 604/175;<br>606/232;<br>607/132  | Belden; Elisabeth L. et al.    |
| US 5954752<br>A | USPAT | 19990921 |  | Cardioversion energy reduction system   | 607/6   |  | Mongeon; Lu R. et al.          |
| US 5945319<br>A | USPAT | 19990831 |  | Periodate oxidative method for attachment of biomolecules to medical device surfaces  | 435/174 | 424/422;<br>424/94.1;<br>435/176;<br>435/177;<br>435/180;<br>435/181;<br>436/518;<br>436/524;<br>436/531;<br>436/532;<br>530/402;<br>530/810;<br>530/811;<br>530/815;<br>530/816 | Keogh; James R.                |
| US 5928916<br>A | USPAT | 19990727 |  | Ionic attachment of biomolecules with a guanidino moiety to medical device surfaces   | 435/174 | 424/422;<br>424/94.1;<br>435/176;<br>435/177;<br>435/180;<br>435/181;<br>436/518;<br>436/524;<br>436/531;<br>436/532;<br>530/402;<br>530/810;<br>530/811;<br>530/815;<br>530/816 | Keogh; James R.                |
| US 5925552      | USPAT | 19990720 |  | Method for attachment of  | 435/174 | 424/178.1;   | Keogh; James R.                |

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| A               |       |          |  | biomolecules to medical devices surfaces   |          | 424/94.1;<br>435/176;<br>435/177;<br>435/180;<br>435/181;<br>436/518;<br>436/524;<br>436/528;<br>436/531;<br>436/532;<br>530/402;<br>530/810;<br>530/811;<br>530/812;<br>530/815;<br>530/816 | R. et al.                   |
| US 5893882<br>A | USPAT | 19990413 |  | Method and apparatus for diagnosis and treatment of arrhythmias                                  | 607/14   |  | Peterson;<br>David K. et al |
| US 5891506<br>A | USPAT | 19990406 |  | Oxidative method for attachment of glycoproteins or glycopeptides to surfaces of medical devices | 427/2.13 | 424/130.1;<br>424/94.3;<br>427/2.12;<br>427/2.24;<br>427/2.25;<br>427/2.3;<br>427/2.31;<br>427/338;<br>435/174;<br>435/176;<br>435/181;<br>435/188;<br>523/112;<br>523/113                   | Keogh; James<br>R.          |
| US 5846263<br>A | USPAT | 19981208 |  | Apparatus for diagnosis and treatment of arrhythmias   | 607/14   |  | Peterson;<br>David K. et al |
| US 5836976<br>A | USPAT | 19981117 |  | Cardioversion energy reduction system  | 607/6    |  | Min; Xiaoyi et<br>al.       |
| US 5821343<br>A | USPAT | 19981013 |  | Oxidative method for attachment of biomolecules to surfaces of medical devices                   | 530/402  | 424/422;<br>424/94.1;<br>435/174;<br>435/176;<br>435/177;<br>435/181;<br>436/518;<br>436/524;  | Keogh; James<br>R.          |

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|                 |       |          |  |  |           | 436/528;<br>436/532;<br>530/810;<br>530/811;<br>530/812;<br>530/816 |                                  |
| US 5814085<br>A | USPAT | 19980929 |  | Rate stabilization<br>pacemaker  | 607/14    | 607/9   | Hill; Michael<br>R. S.           |
| US 5728420<br>A | USPAT | 19980317 |  | Oxidative method for<br>attachment of<br>glycoproteins to surfaces<br>of medical devices                   | 427/2.12  | 427/2.13;<br>427/2.24;<br>427/2.3;<br>427/2.31                      | Keogh; James<br>R.               |
| US 5713929<br>A | USPAT | 19980203 |  | Arrhythmia and<br>fibrillation prevention<br>pacemaker using ratchet<br>up and decay modes of<br>operation | 607/14    | 607/15;<br>607/4  | Hess; Michael<br>F. et al.       |
| US 5713924<br>A | USPAT | 19980203 |  | Defibrillation threshold<br>reduction system   | 607/4     |   | Min; Xiaoyi et<br>al.            |
| US 5695777<br>A | USPAT | 19971209 |  | Absorptive wound<br>dressing for wound<br>healing promotion  | 424/443   | 424/445;<br>424/447;<br>424/448;<br>424/449                         | Donovan;<br>Maura G. et<br>al.   |
| US 5620468<br>A | USPAT | 19970415 |  | Method and apparatus for<br>treatment of atrial<br>fibrillation  | 607/5     | 607/14  | Mongeon; Lu<br>R. et al.         |
| US 5549642<br>A | USPAT | 19960827 |  | Atrial defibrillator and<br>method of use  | 607/5     |   | Min; Xiaoyi et<br>al.            |
| US 5545213<br>A | USPAT | 19960813 |  | Method for administering<br>a bioactive agent  | 600/36    | 604/266;<br>623/1.42;<br>623/1.49;<br>623/901;<br>623/921           | Keogh; James<br>R. et al.        |
| US 5509932<br>A | USPAT | 19960423 |  | Fixed tissue medical<br>devices comprising<br>albumin-binding dyes   | 623/23.72 | 604/266   | Keogh; James<br>R. et al.        |
| US 5507784<br>A | USPAT | 19960416 |  | Method and apparatus for<br>control of A-V interval  | 607/14    | 607/9   | Hill; Michael<br>R. S. et al.    |
| US 5476509<br>A | USPAT | 19951219 |  | Articles having graft<br>polymer bioactive<br>surfaces   | 623/1.42  | 604/266;<br>606/76;<br>623/1.49                                     | Keogh; James<br>R. et al.        |
| US 5429618<br>A | USPAT | 19950704 |  | Thromboresistant articles  | 604/266   | 424/78.17   | Keogh; James<br>R.               |
| US 5419921<br>A | USPAT | 19950530 |  | Pacing lead insulator  | 427/58    | 427/430.1   | Molacek;<br>Richard L. et<br>al. |



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| US 5411531<br>A | USPAT | 19950502 |    | Method and apparatus for control of A-V interval  | 607/14  | 607/17;<br>607/9                          | Hill; Michael R. S. et al. |
| US 5375609<br>A | USPAT | 19941227 |    | Pacing lead insulator   | 607/119 |   | Molacek; Richard L. et al. |
| US 5344455<br>A | USPAT | 19940906 |    | Graft polymer articles having bioactive surfaces  | 600/36  | 604/266;<br>623/1.1                       | Keogh; James R. et al.     |
| US 5278200<br>A | USPAT | 19940111 |    | Thromboresistant material and articles  | 523/112 | 523/105;<br>604/266                       | Coury; Arthur J. et al.    |
| US 5273518<br>A | USPAT | 19931228 |    | Cardiac assist apparatus  | 600/16  | 623/3.12                                  | Lee; Philip H. et al.      |
| US 5271898<br>A | USPAT | 19931221 |    | Apparatus for testing blood/biomaterials/device interactions and characteristics                            | 422/64  | 422/73;<br>422/99;<br>436/52;<br>73/61.65 | Wolf; Michael F. et al.    |
| US 4458693<br>A | USPAT | 19840710 | 31 | Monitoring system   | 600/528 | 128/904                                   | Badzinski; John D. et al.  |
| US 3544369<br>A | USPAT | 19701201 |    | METHOD FOR THE CLEANING OF METAL WASTE AND THE RECOVERY OF OIL THEREFROM [TEXT AVAILABLE IN USOCR DATABASE] | 134/13  | 134/10;<br>134/25.5                       | KEOGH JAMES R JR           |
| US 1519845<br>A | USPAT | 19241216 |    | Metallic packing [TEXT AVAILABLE IN USOCR DATABASE]   | 277/510 |   | KEOGH JAMES R              |